Mountain Weather Forecast

Peak District National Park

Forecast valid from 00:00 on Thursday 08 Sep 2022 until 23:59 on Friday 09 Sep 2022

Forecast Issued on Wednesday 07 Sep 2022 at 14:04

Confidence: High confidence in the unsettled theme persisting through Friday but low for distribution and timing of any showers and thunderstorms.

Headline for Thursday 08 Sep 2022: Sunny spells and showers, locally heavy and thundery.

Mountain weather hazards on Thursday 08 Sep 2022

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** No Likelihood
Thunderstorms Medium Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** Low Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Cloudy	Cloudy	Dull	Sunny intervals	Light rain showers	Thundery showers	Cloudy	Cloudy
Precipitation probability							
00%	10%	20%	30%	50%	50%	30%	20%

Forecast for Thursday 08 Sep 2022

Weather: Areas of cloud will rapidly move in from the south, becoming thick enough to cover summits by the end of the night. The cloud will break and lift after sunrise, allowing scattered showers to develop during the morning, these becoming occasionally heavy and potentially thundery in the afternoon. Showers slowly dying away during the evening, with clear spells and a chance of mist later.

Chance of cloud-free hill tops above 600m: 20% becoming 80-90% in the afternoon.

Low cloud and visibility: Areas of cloud covering summits at first, with cloud base as low as 300m, perhaps less in some valleys. This lifting and breaking through the morning with summits clearing, but some cloud likely returning at 600m during heavy showers. Outside of cloud, visibility will generally be very good, but falling to moderate or poor during any heavy showers, with only nearby hills visible.

Check our weather forecast every day to get the most accurate and up to date information
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Met Office Mountain Weather Forecast

Forecast for Thursday 08 Sep 2022

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	14/20 SE	13/19 SE	12/17 E	14/19 E	10/15 E	11/16 E	9/13 E	7/10 E	5/8 E
300	10/19 SE	9/17 SE	10/17 E	12/17 E	11/16 E	10/16 E	5/10 E	4/7 NE	4/7 E
Valley	6/17 SE	7/15 E	8/18 E	10/18 SE	8/16 E	8/16 E	6/12 E	5/11 NE	4/8 E

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	12/9	12/9	11/9	12/9	13/12	14/12	13/11	12/11	11/10
300	14/12	14/12	13/12	14/12	16/15	16/15	15/15	14/14	13/13
Valley	14/13	14/12	14/12	16/14	18/17	17/16	16/15	14/14	14/14
Freezing Level*	2300m	2300m	2200m	2400m	2400m	2500m	2500m	2500m	2500m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Some heavy and slow-moving showers expected during the day, leading to swollen watercourses and possible flooding in places. Waterproof clothing recommended.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
14:00 on Tue 06 Sep 2022	18.2mm	22.2mm	22.2mm

Forecast for Friday 09 Sep 2022

Weather: Patches of mist or fog in places at first, then another day with sunny spells and showers, locally heavy and perhaps thundery.

Maximum wind: North-westerly 10mph with gusts 15mph.

Chance of cloud-free hill tops above 600m: 10% becoming 80% during the morning.

Low cloud and visibility: Areas of cloud covering summits in places, with cloud base as low as 300m, but a chance of mist and fog patches in any prolonged clear spells, mainly in the east of the park. This lifting and breaking through the morning with summits clearing, but some cloud likely returning at 600m during heavy showers. Outside of cloud, visibility will generally be very good, but falling to moderate or poor during any heavy showers, with only nearby hills visible.

Temperature: **Valleys:** Plus 13 becoming plus 19 degrees Celsius.
At 600m: Plus 11 becoming plus 15 degrees Celsius.
Freezing level: Above summits.

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